

REMARKS

Claim 7 has been canceled without prejudice or disclaimer. Claims 2 and 8 have been amended. Accordingly, claims 2-6 and 8 are currently pending in the application.

35 U.S.C. §112

Claims 2, 3 and 8 have been amended to overcome the outstanding rejection under 35 U.S.C. §112, second paragraph. According to the present invention, the ion implantation equipment includes a scanning means for scanning an ion beam and an angle correction means for correcting a scanning angle in the same scanning surface of the ion beam by adding a magnetic field changing in the magnetic field strength to the ion beam scanned by the scanning means. The magnetic field strength added by the angle correction means is simultaneously changed corresponding to the magnetic field strength added by the scanning means. This way, fluctuation of the scanning angle is suppressed and an active magnetic field deflection is performed.

It is submitted that the amendments to claims 2 and 8 should be entered even though the outstanding rejection is a Final Rejection. The amendment to the claims have been made

for purposes of clarification under 35 U.S.C. §112 and do not raise any new issues that would require further consideration or search.

35 U.S.C. §103

The rejection of claim 7 has been rendered moot by the cancellation of the claim without prejudice or disclaimer in order to expedite the issuance of subject matter indicated as being allowable. Ogata et al merely disclose two dimensional scanning that is performed using two deflectors. Ogata et al disclose that the scanning of the electron beam is in a direction which is horizontal to a page space is performed by varying the electrical potential of the first deflection electro-magnets, and at the same time, a scanning of the electron beam in a direction which is vertical to a page space is performed by varying the magnetic field generated by second deflection electro-magnets.

Conclusion

In view of the foregoing amendments and remarks, Applicants contend that the above-identified application is

now in condition for allowance. Accordingly, reconsideration and reexamination are respectfully requested.

Respectfully submitted,


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